

FIG. 1

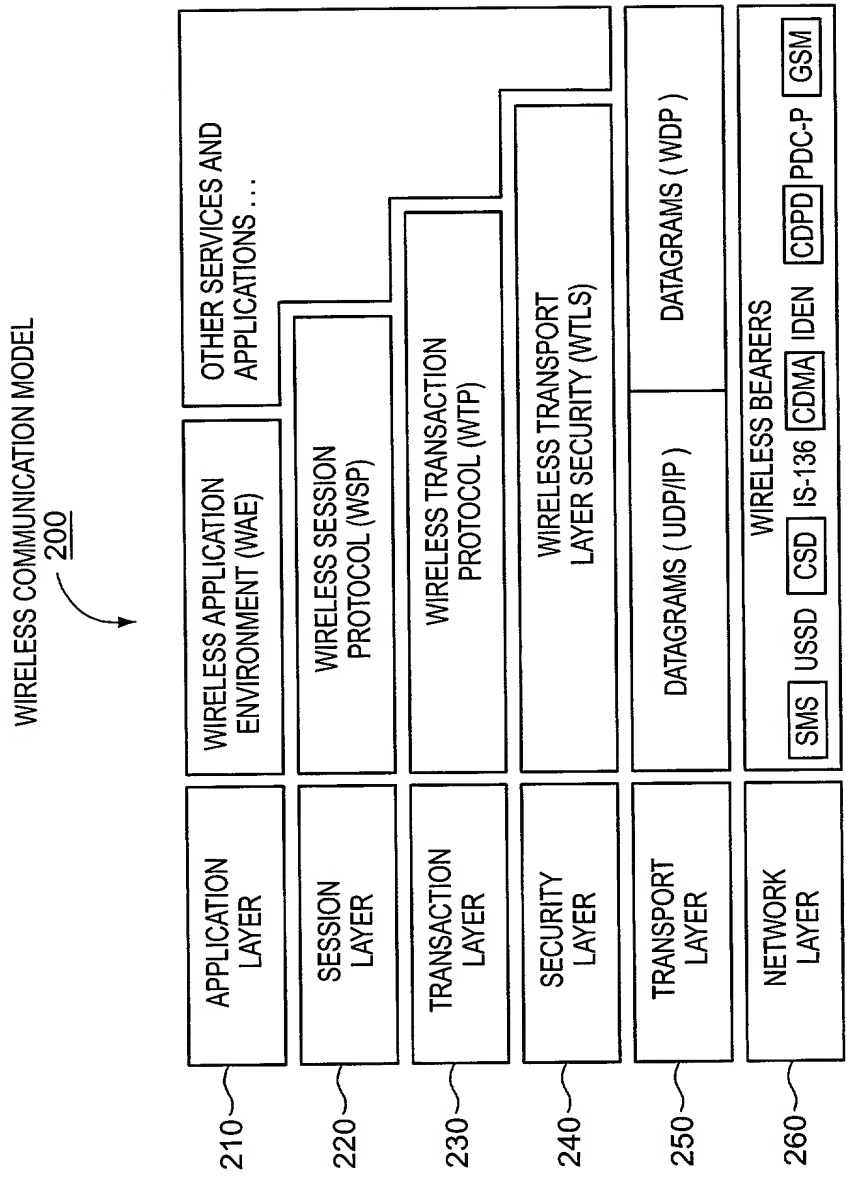


FIG. 2

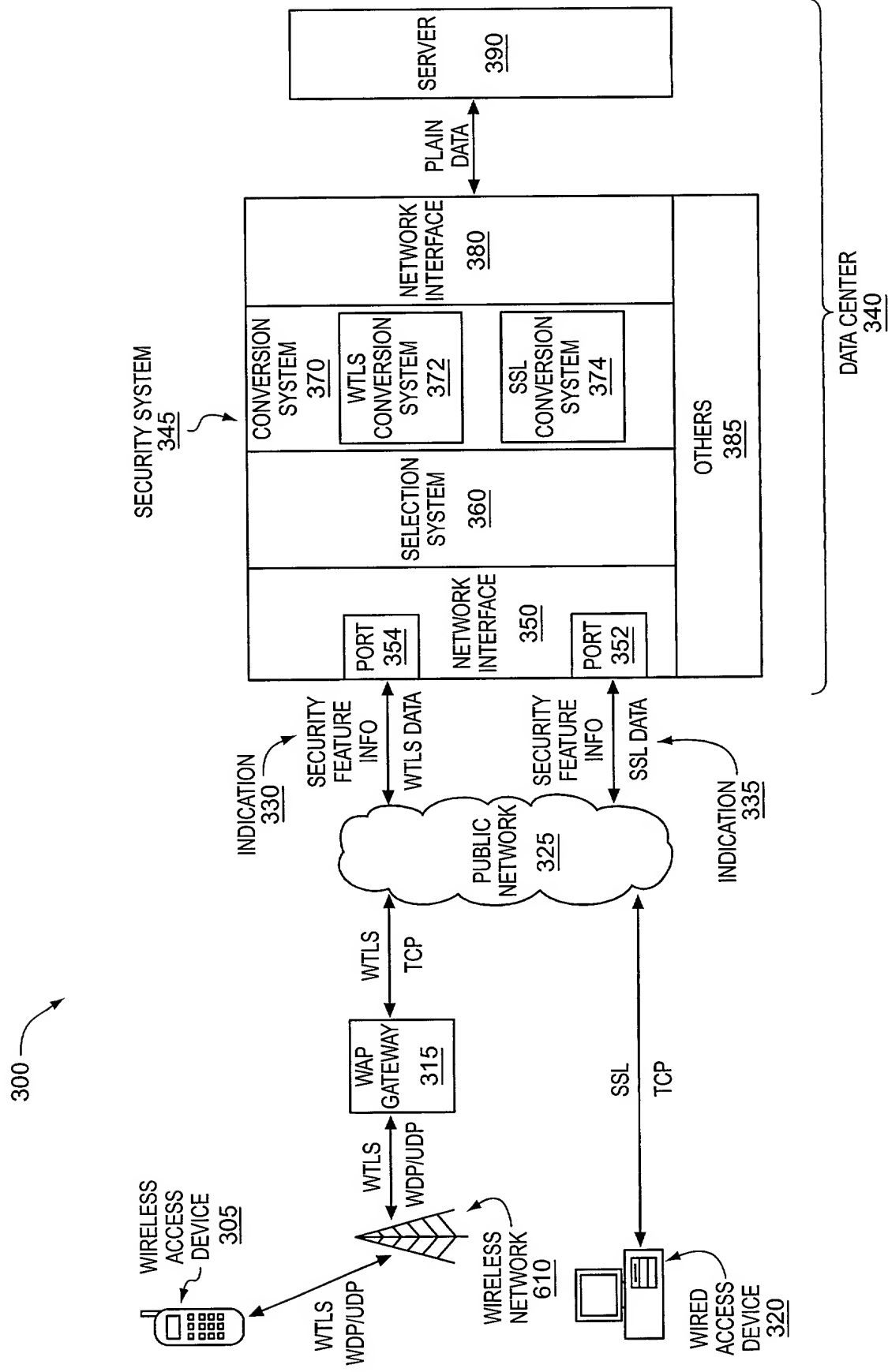
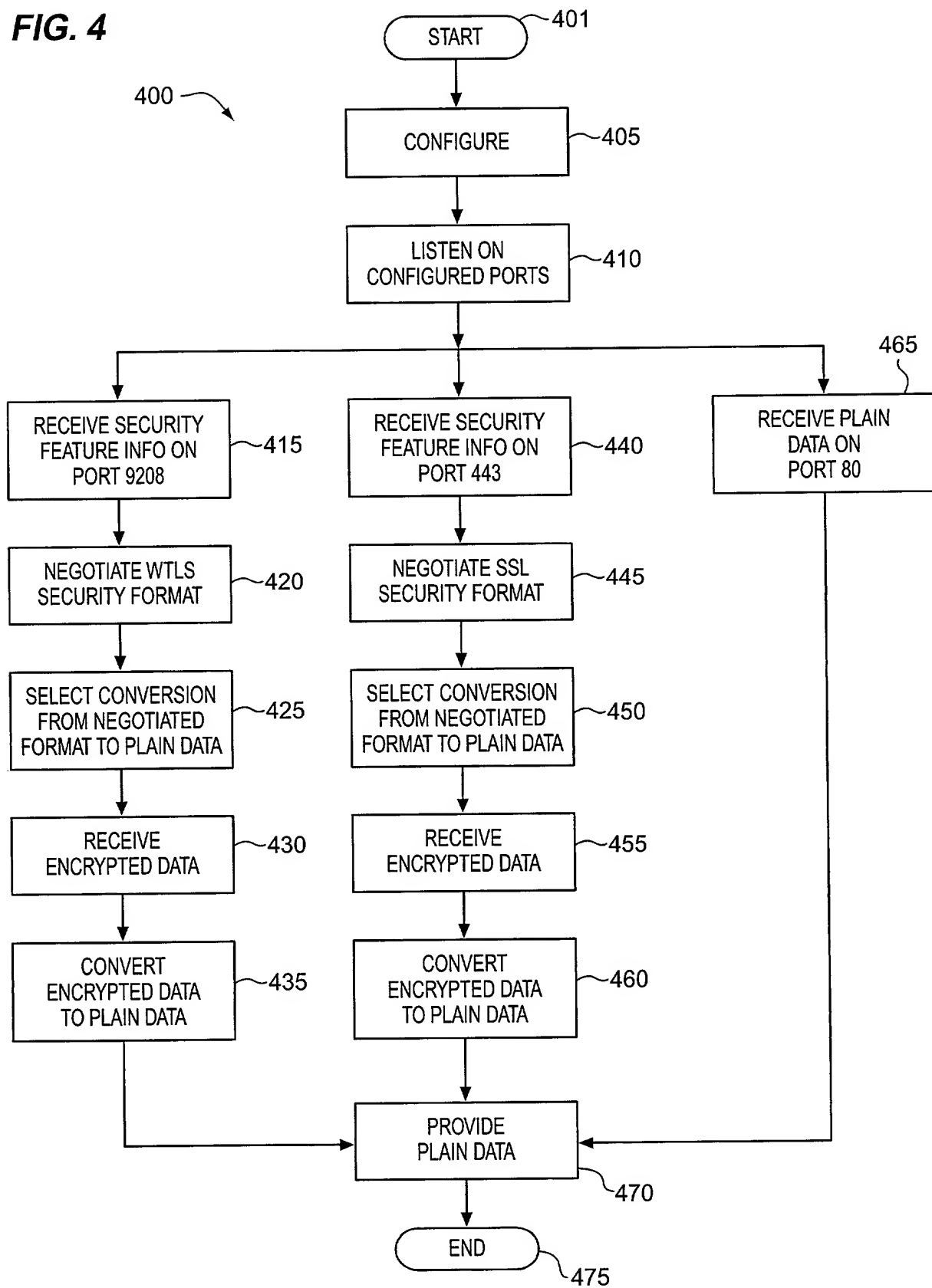


FIG. 3

FIG. 4



WTLS SECURITY PROTOCOL ARCHITECTURE
500

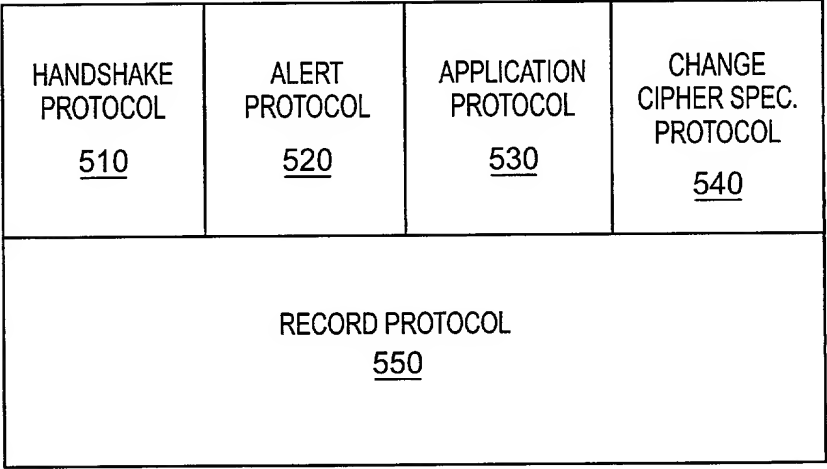


FIG. 5

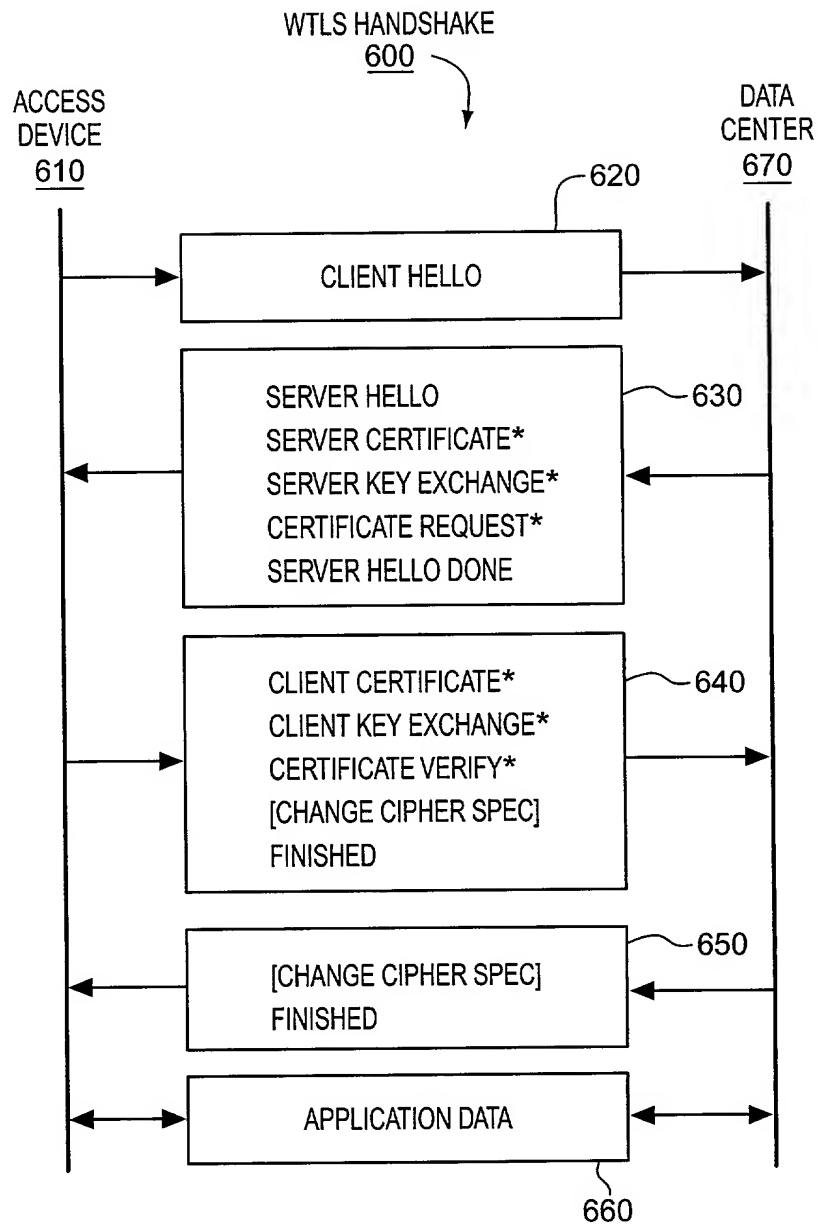
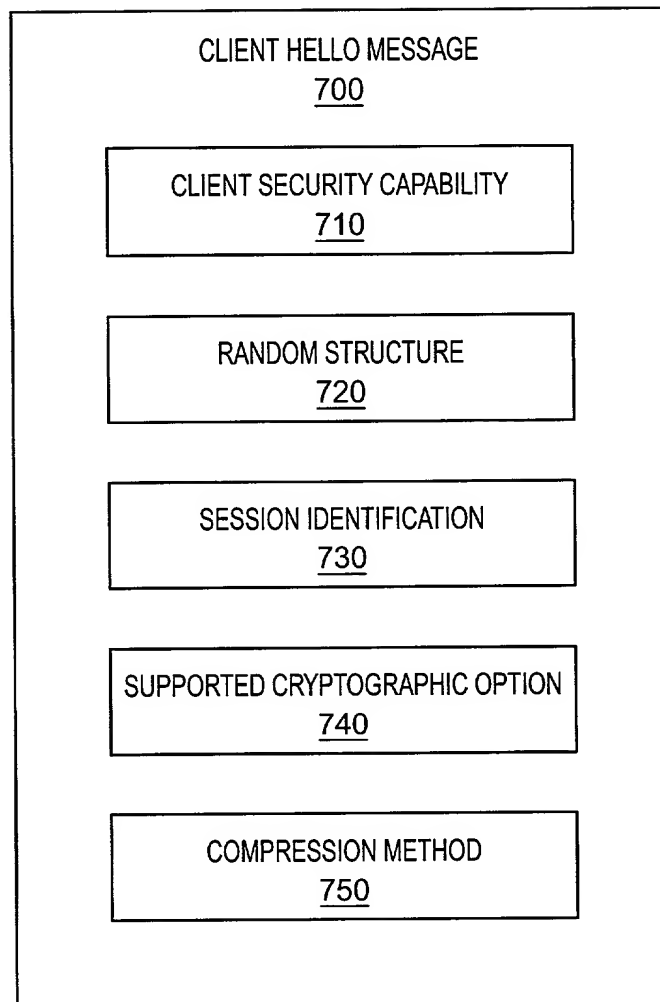


FIG. 6

FIG. 7



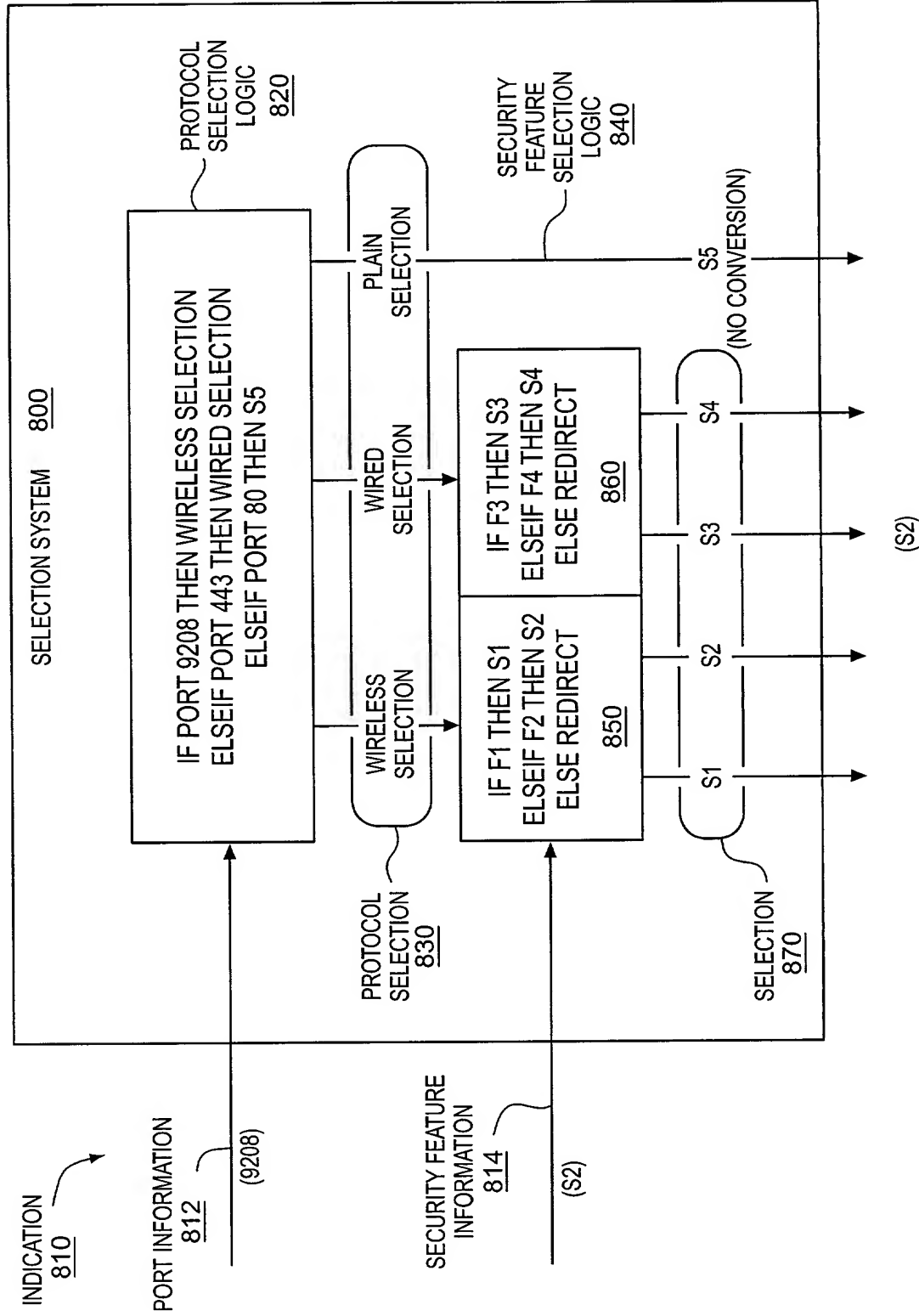


FIG. 8

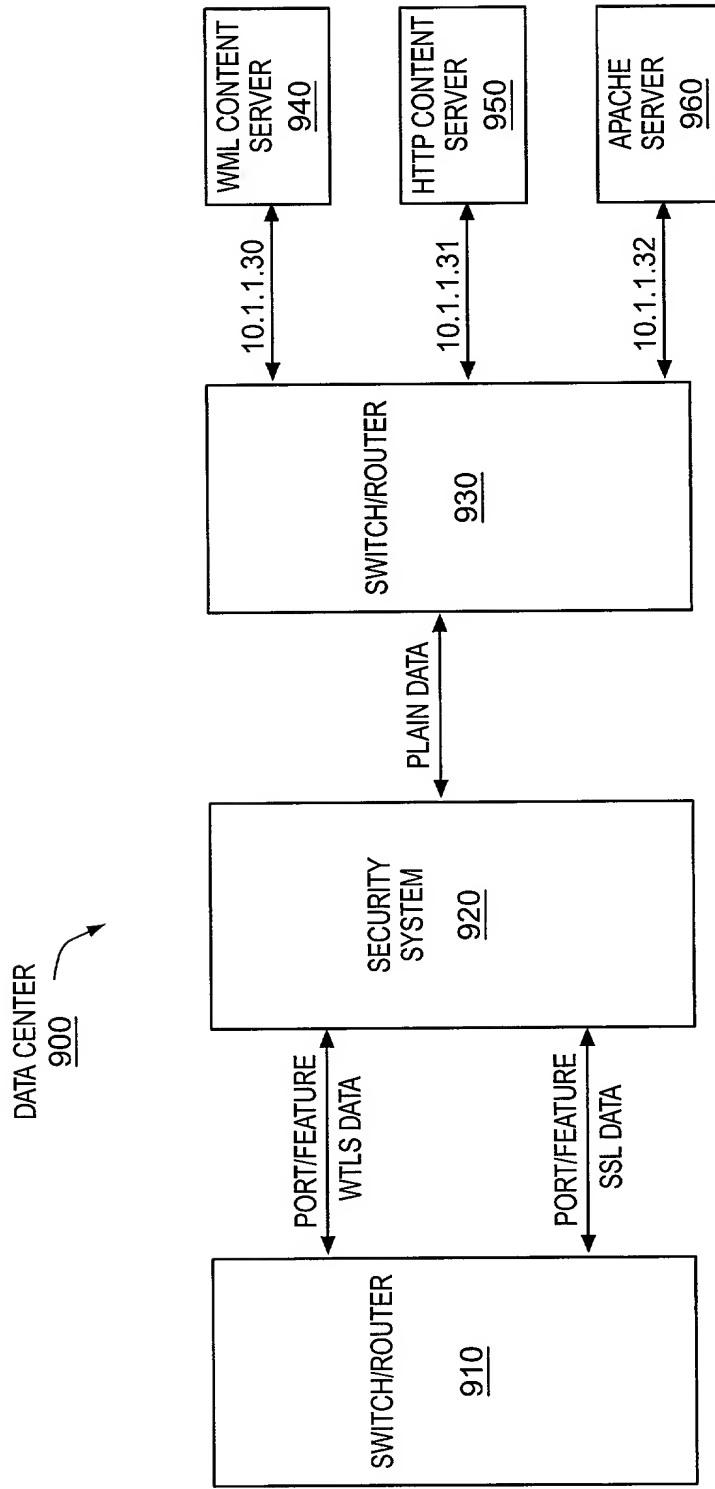


FIG. 9

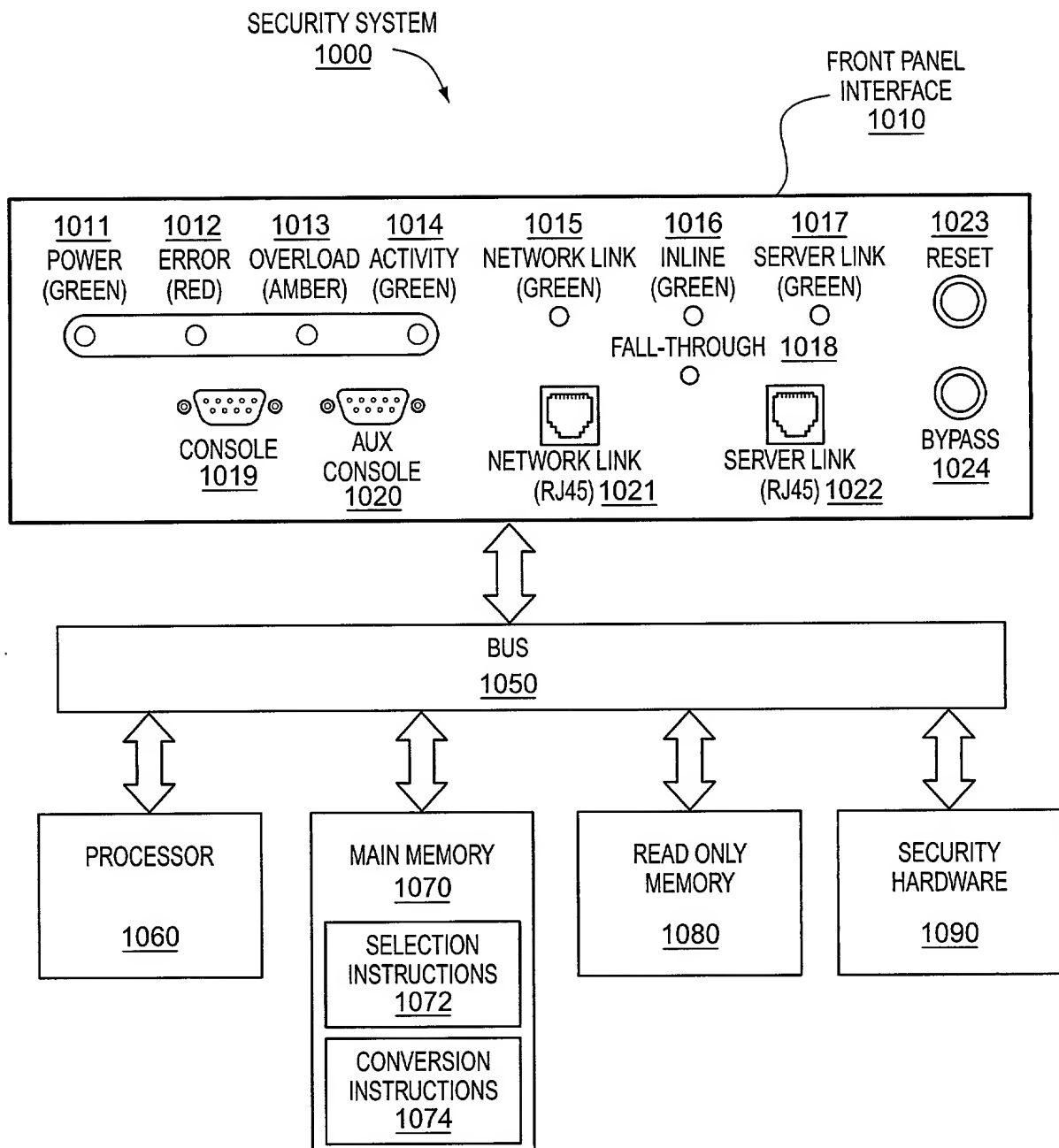


FIG. 10

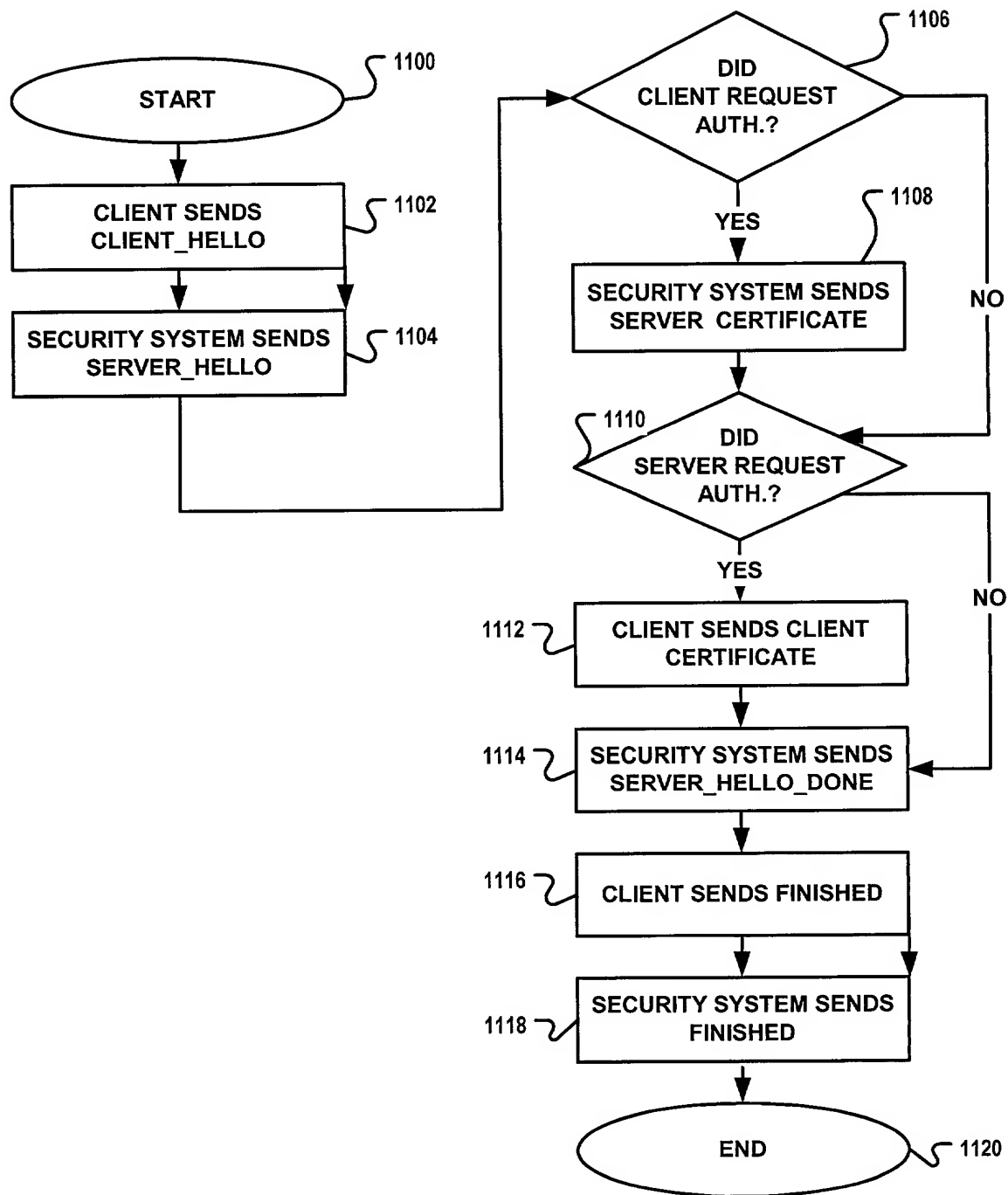


FIG. 11

```
1 BEGIN
2
3 DETECT METHOD OF ENCRYPTION
4     SWITCH DATA_TYPE
5         CASE: WTLS
6             START WTLS HANDSHAKE
7             COMPLETE AUTHENTICATION
8             DECRYPT WTLS
9         CASE: SSL
10            START SSL HANDSHAKE
11            COMPLETE AUTHENTICATION
12            DECRYPT SSL
13        CASE: PLAIN
14            DO NOTHING
15 END
```

FIG. 12

FIG. 13 is a block diagram of a network architecture.

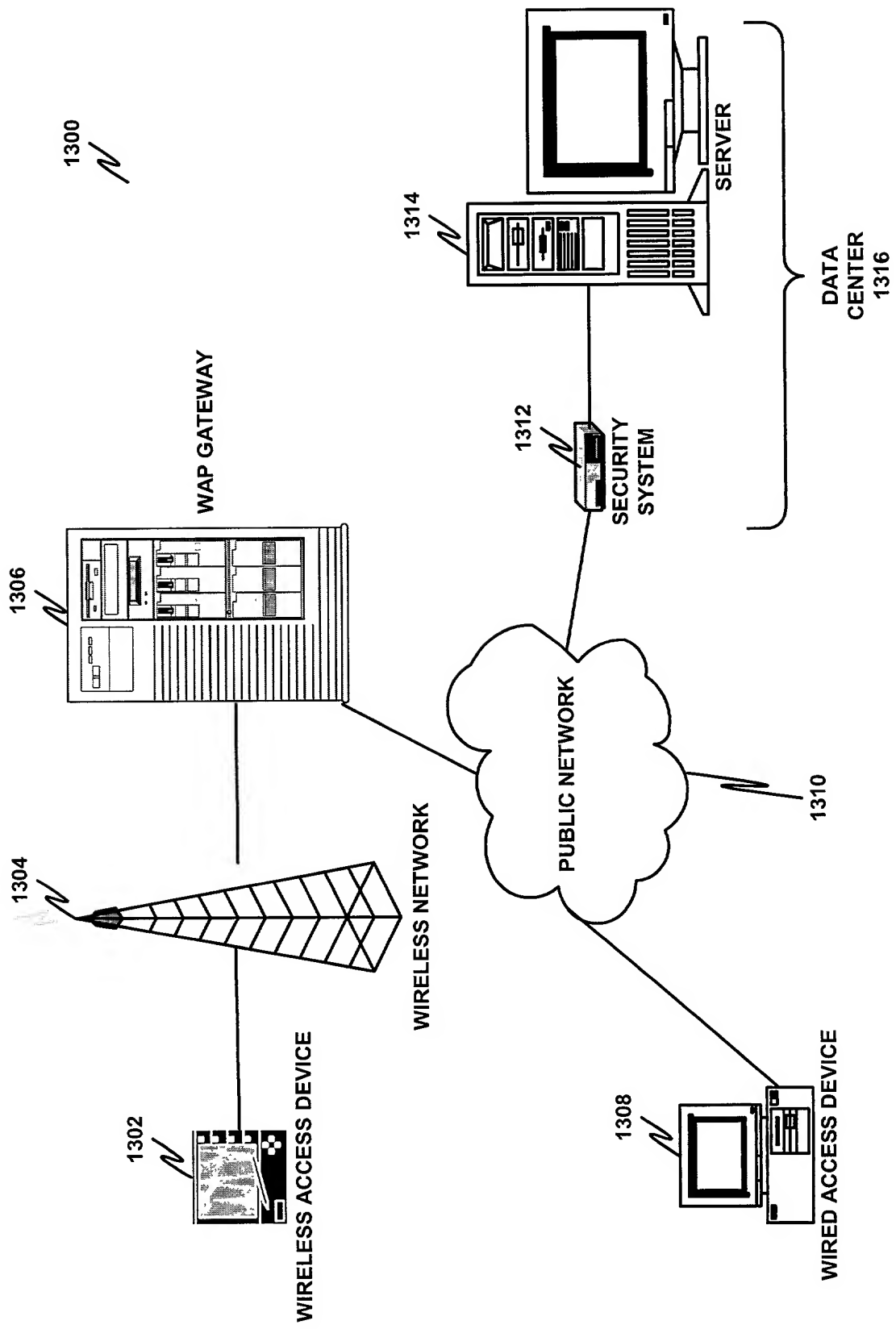


FIG. 13

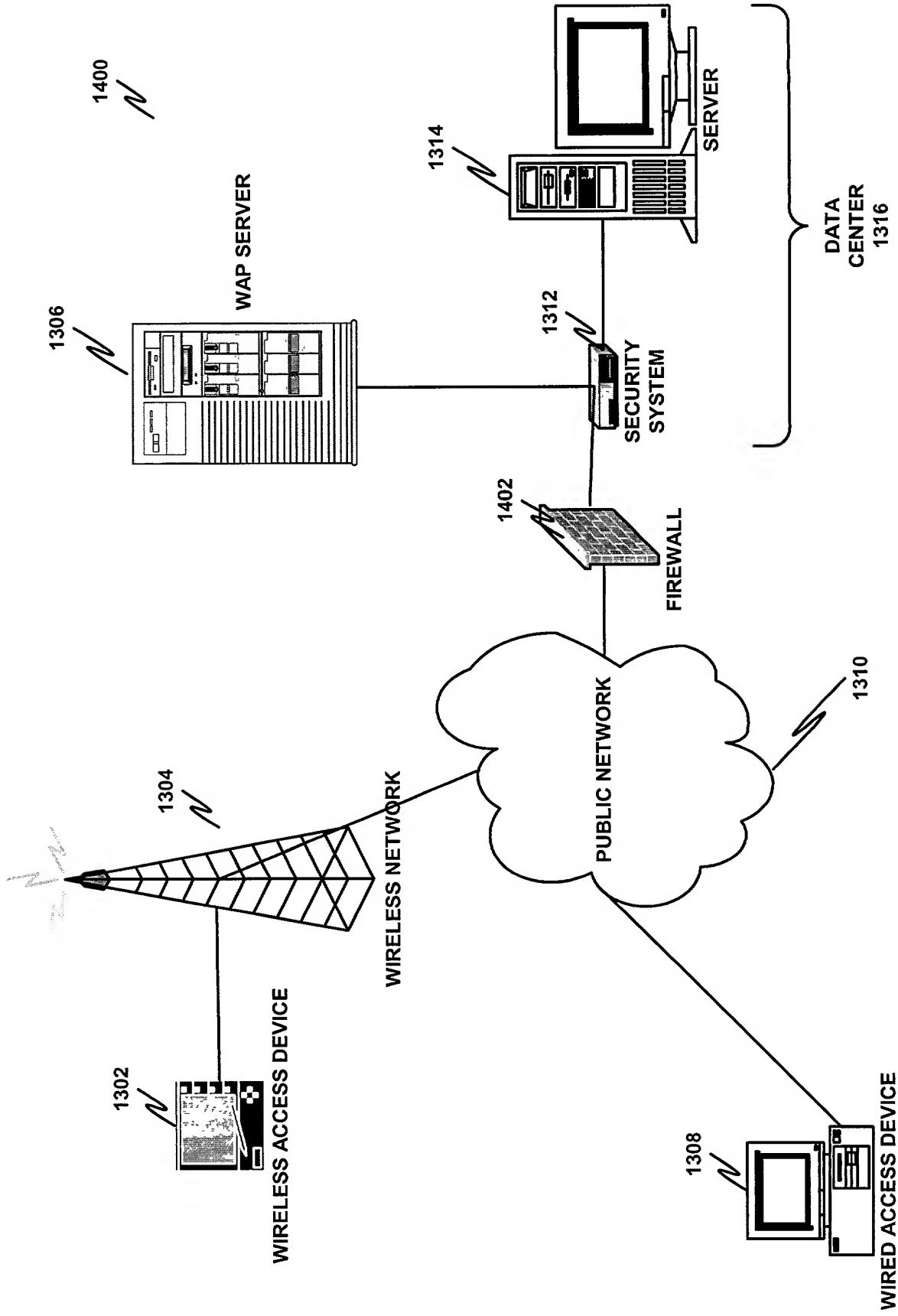


FIG. 14

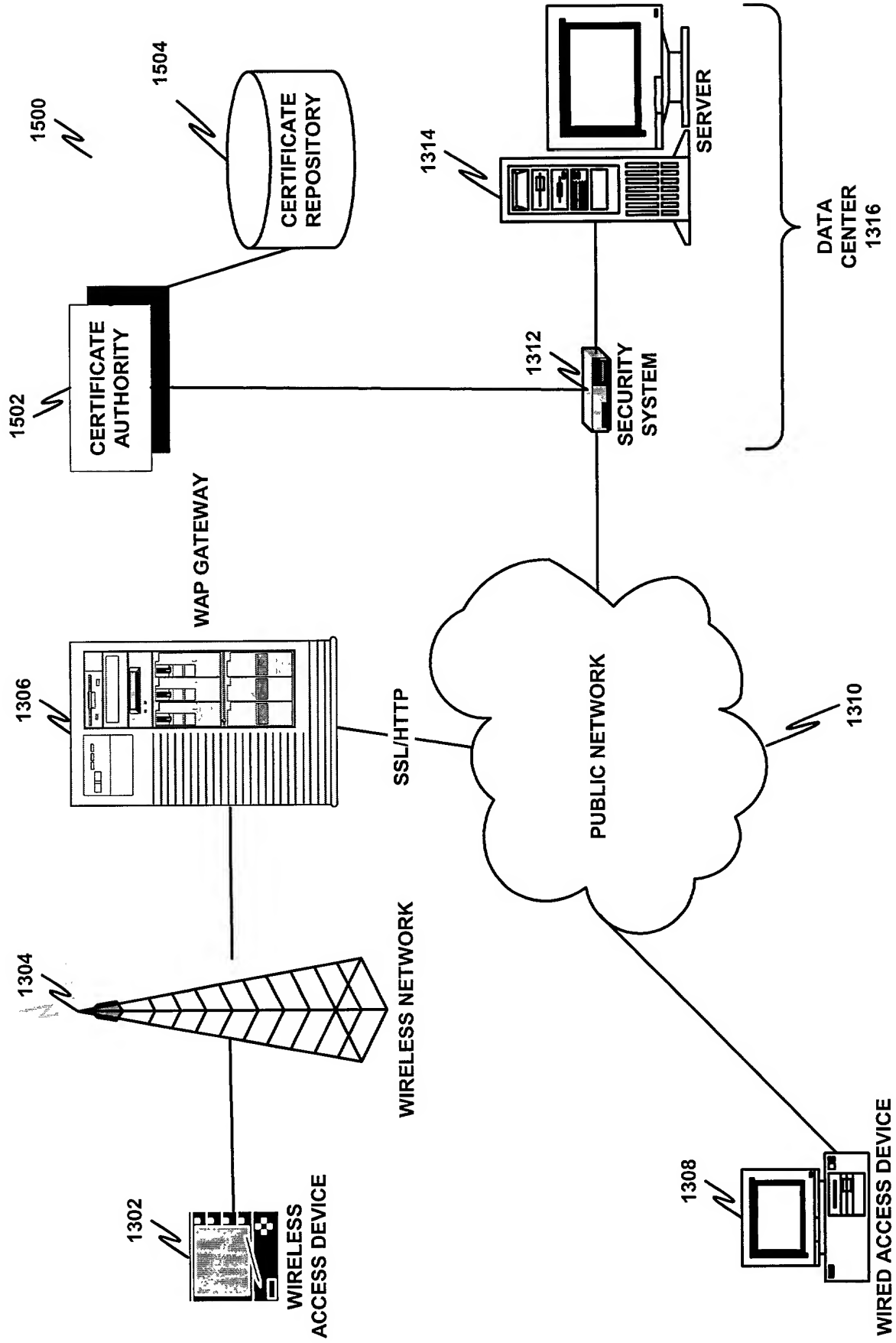


FIG. 15

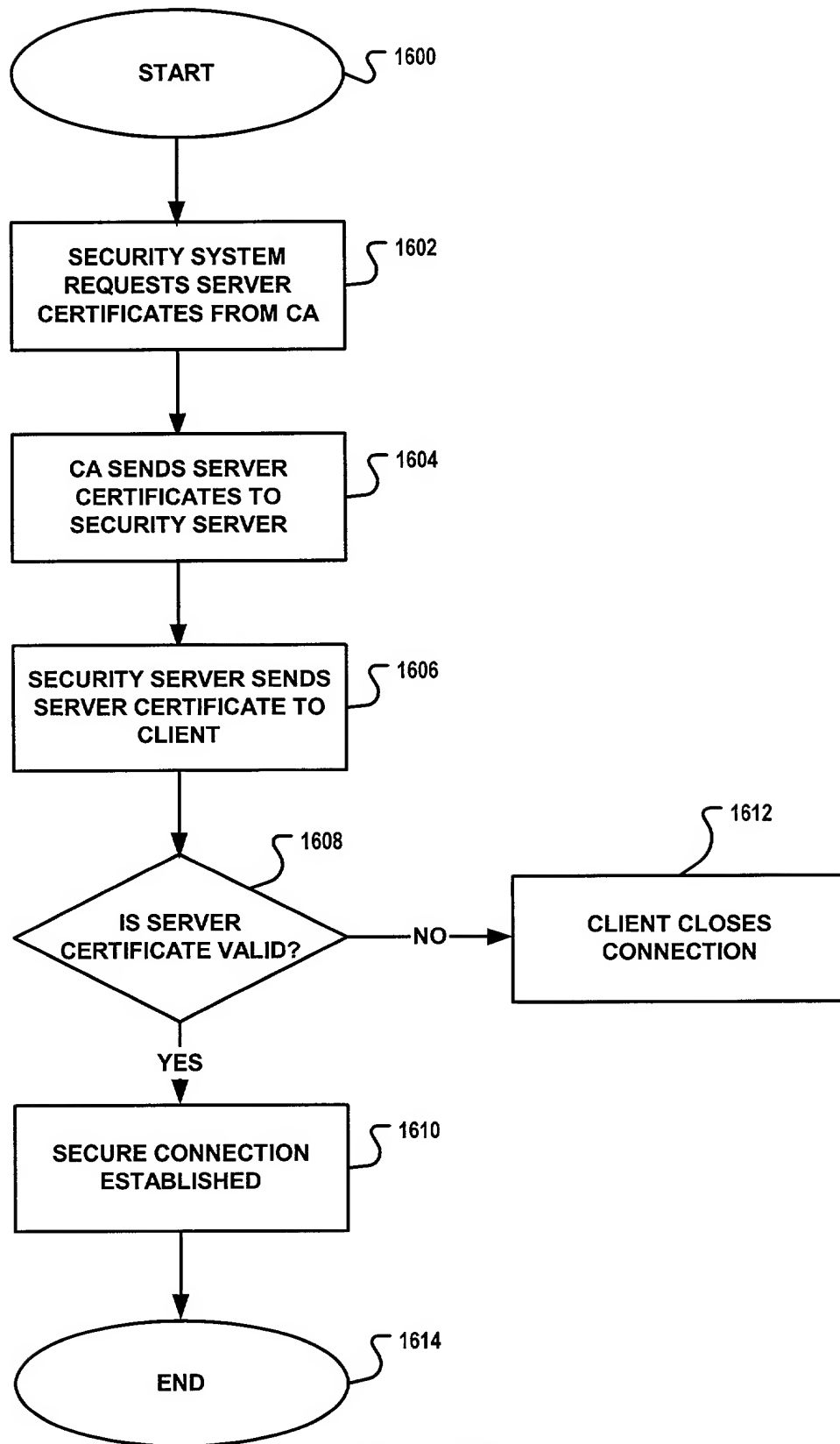


FIG. 16

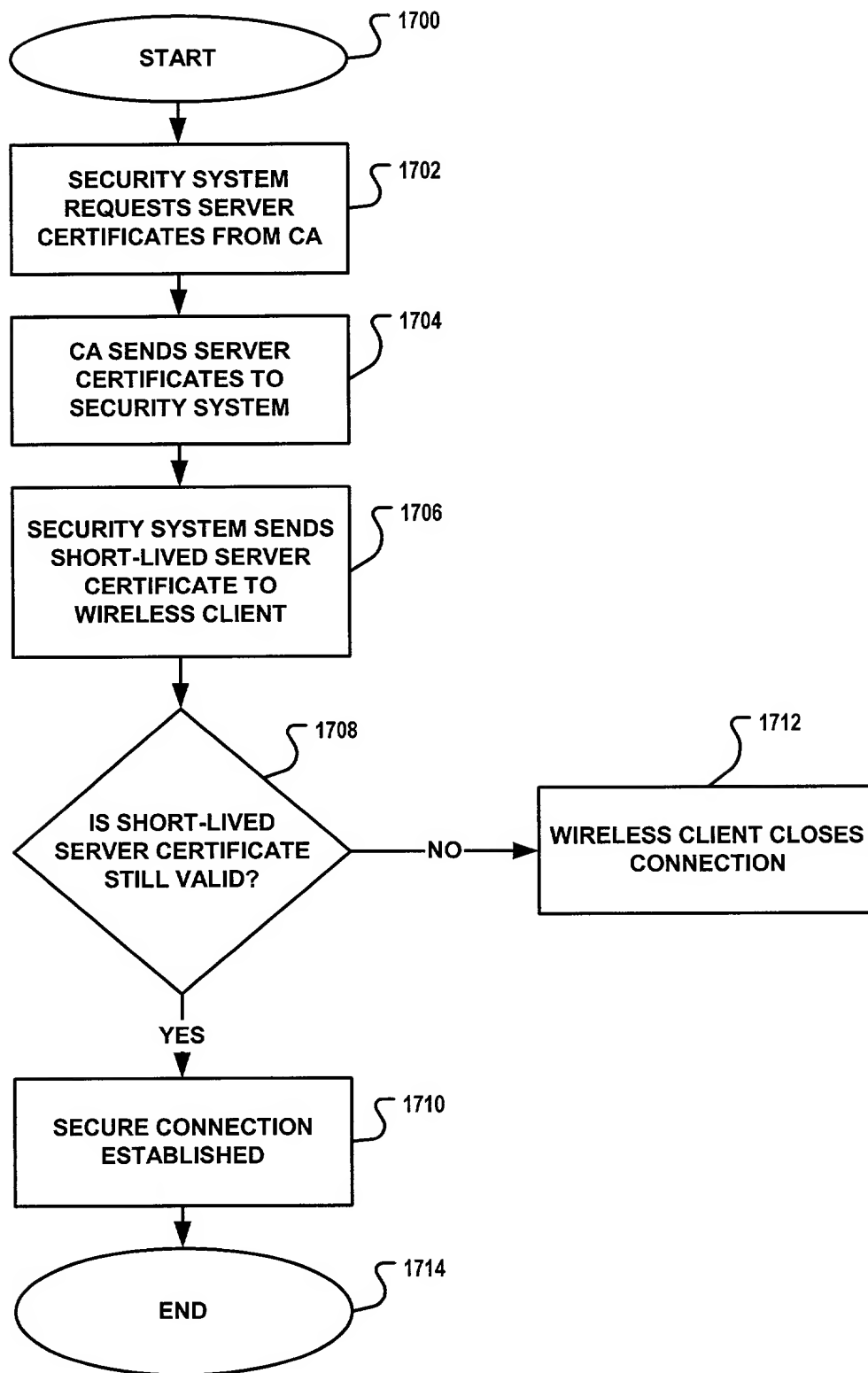


FIG. 17

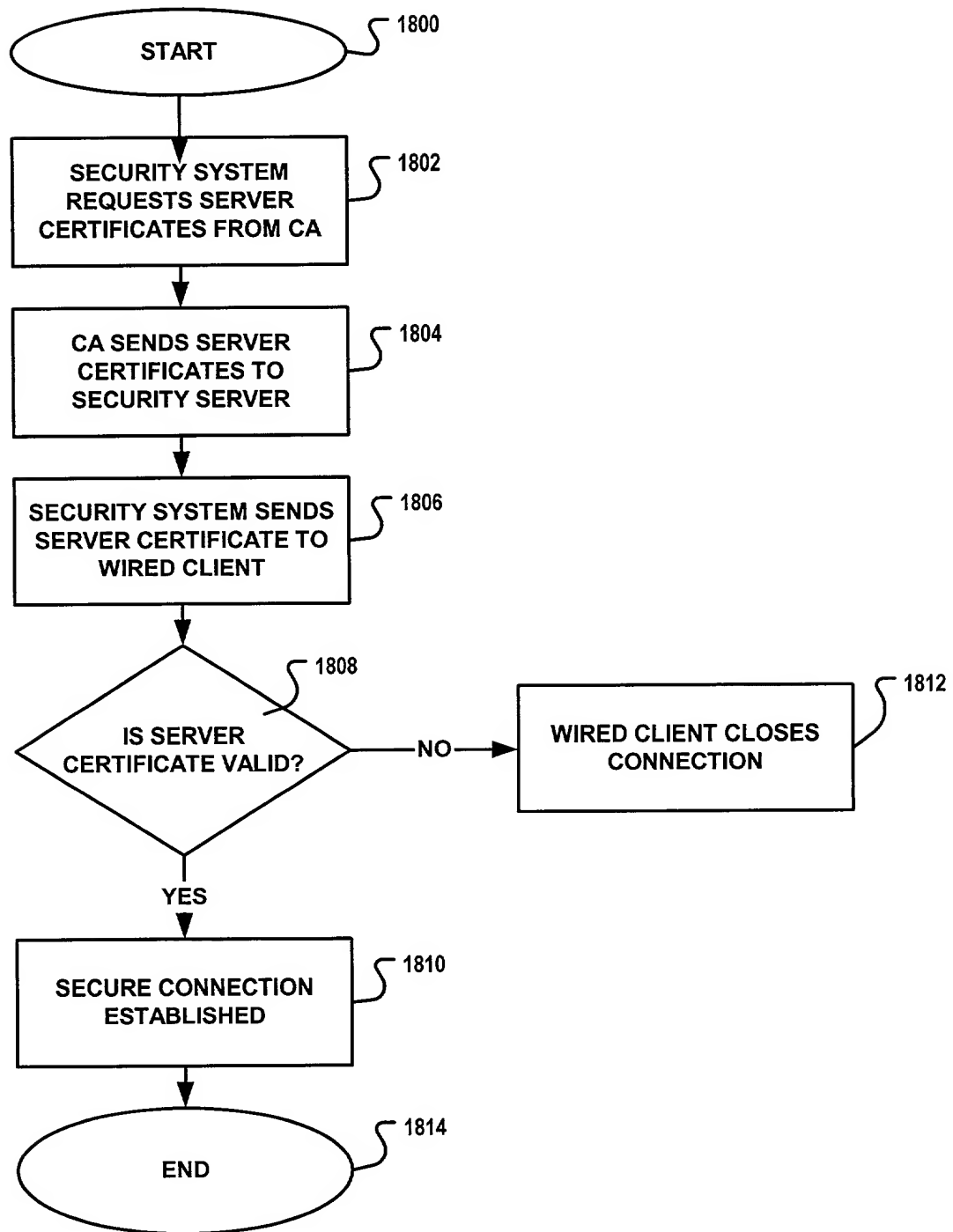


FIG. 18

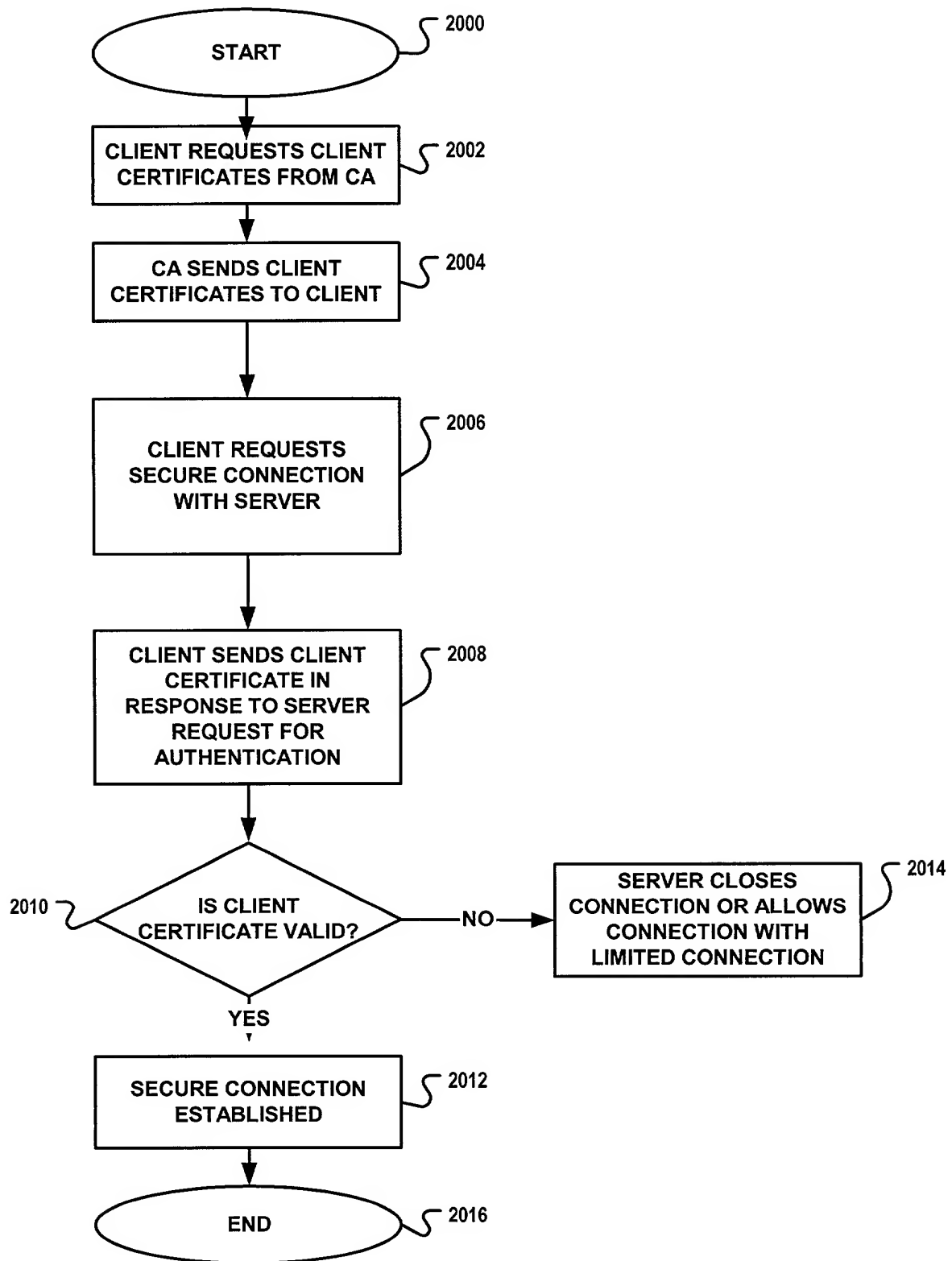


FIG. 20

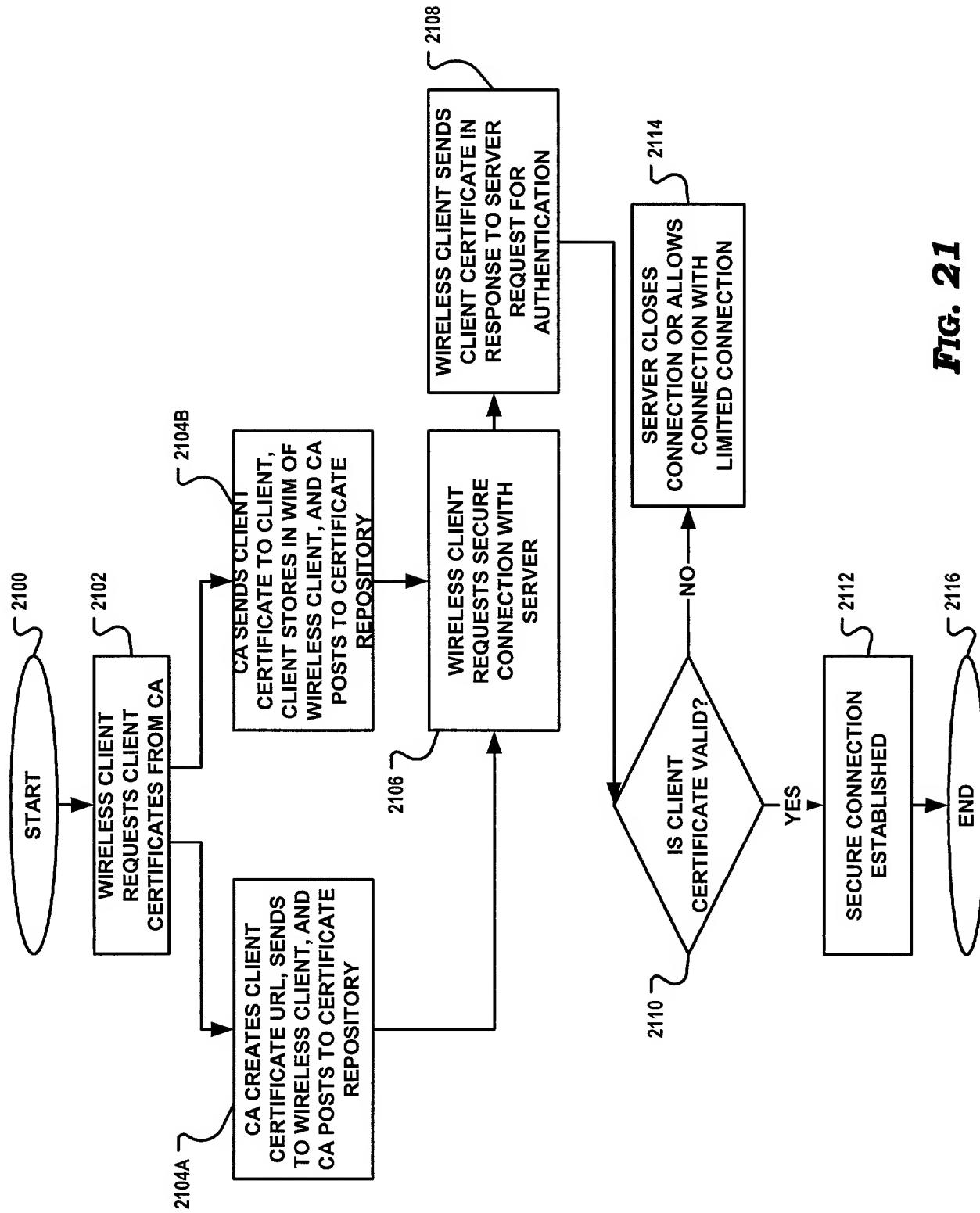


FIG. 21

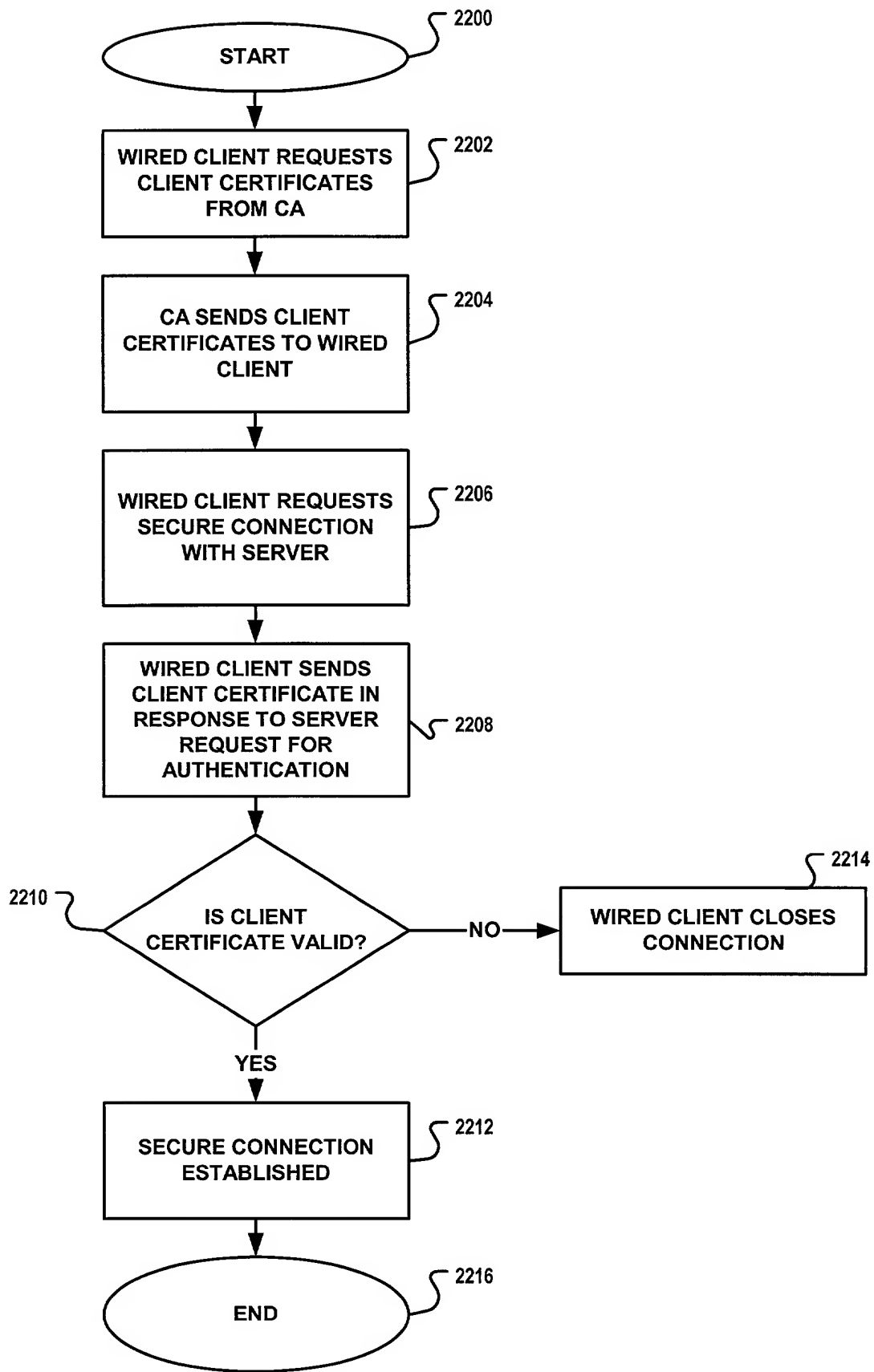


FIG. 22

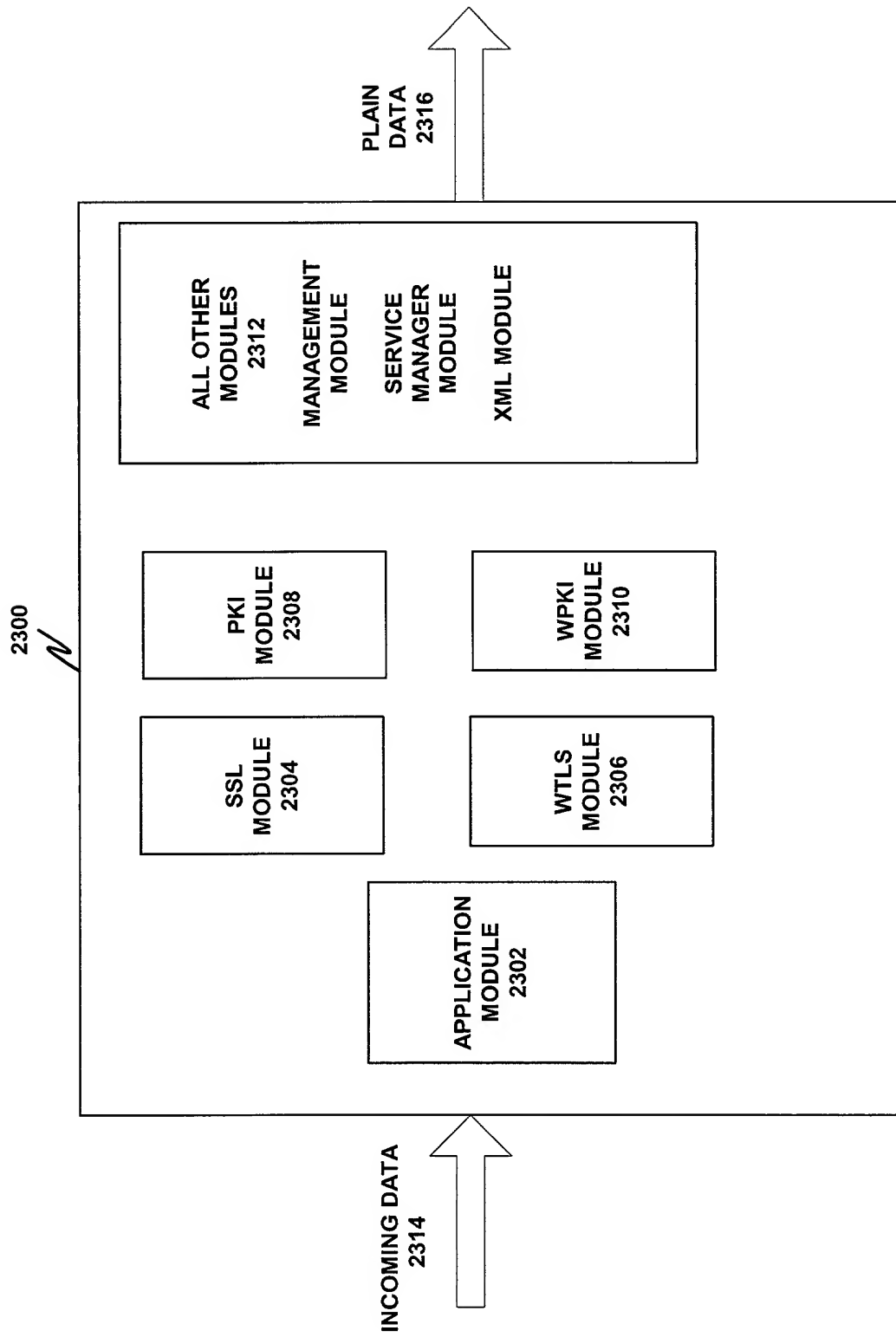


FIG. 23

Map ID	Conn Type	KeyID	Server IP	Net Port	Ser Port	Cipher Suites	Re-direct	Client Auth	Digital Signature
1	WTLS	mysrv1	10.1.1.30	9202	80	Low	n	y	y
2	SSL	mysrv2	10.1.1.30	443	80	med(v2+v3)	n	y	y
3	PLAIN	NONE	10.1.1.30	8080	80	None	n	n	n

FIG. 24